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no. 173
Index

COUNTY INDEX TO MINERALS OF
CALIFORNIA



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COUNTY INDEX TO MINERALS OF CALIFORNIA

An Index to the Mineral Localities listed in Bulletin 173 of the California
Division of Mines

Donald O. Emerson

Department of Geological Sciences

University of California at Davis

Davis, California

Preface

The 1956 edition of Minerals of California (Bulletin 173) is a catalog of mineral species and their important occurrences within the state. Arranged as it is, in alphabetical order, any mineral in the Bulletin is easily found.

However, the first question of many persons interested in mineralogy, and especially those residing in California, concerns the minerals that are found in a particular part of the state. Also, interest is added to the study of mineralogy when it is shown that many species are found within one county.

To answer the questions about the minerals found in a specific area, this County Index to Minerals of California has been compiled. It was prepared from Minerals of California (Bulletin 173) and tabulates by counties the occurrences listed in that publication. Also indicated are the localities of the species first discovered in California and the date of their first published description.

The County Index lists 2838 localities for the 523 mineral species known to occur in California. By use of the index, along with Bulletin 173, the descriptions of mineral occurrences for any part of the state can quickly be found.

The assistance of Mrs. Gayle De Martin in the preparation of this index is gratefully acknowledged.

Donald O. Emerson

Department of Geological Sciences
University of California at Davis
Davis, California

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ALAMEDA COUNTY

| | |
|-----------------|----------------|
| Alunogen | Kaolinite |
| Amphiboles | Kröhnkite |
| Actinolite | Lawsonite |
| Glaucophane | Maghemite |
| Analcite | Magnesite |
| Anauxite | Melanterite |
| Aragonite | Natrolite |
| Barite | Pisanite |
| Bementite | Psilomelane |
| *Boothite, 1903 | Pyrite |
| Calcite | Pyrolusite |
| Chalcanthite | Pyrophyllite |
| Chalcopyrite | Pyroxenes |
| Chlorites | Enstatite |
| Penninite | Quartz |
| Chromite | Rhodo-chrosite |
| Copiapite | Rhodonite |
| Copper | Stibnite |
| Epsomite | Talc |
| Galena | Vivianite |
| Gold | Wollastonite |
| Halotrichite | Zaratite |
| Hydromagnesite | Zircon |
| Inesite | |

* Species first discovered in a county of California are marked by an asterisk and followed by the date of the first published description.

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| 100 | 100 |

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ALPINE COUNTY

| | |
|--------------|---------------|
| Andalusite | Potash Alum |
| Argentite | Proustite |
| Arsenolite | Pyrargyrite |
| Arsenopyrite | Pyrite |
| Barite | Pyrrhotite |
| Calcite | Quartz |
| Chalcanthite | Realgar |
| Chalcocite | Rhodochrosite |
| Chalcopyrite | Römerite |
| Chloropal | Rutile |
| Enargite | Scheelite |
| Famatinite | Silver |
| Galena | Sphalerite |
| Garnet | Stephanite |
| Halite | Stibnite |
| Halotrichite | Stromeyerite |
| Iddingsite | Sulphur |
| Ilmenite | Tenorite |
| Lazulite | Tetrahedrite |
| Melanterite | Tourmaline |
| Polybasite | Wolframite |

AMADOR COUNTY

| | |
|---------------|---------------|
| Amphiboles | Malachite |
| Tremolite | Marcasite |
| Anauxite | Melanterite |
| Ankerite | Mendozite |
| Apatite | Molybdenite |
| Arsenopyrite | Psilomelane |
| Axinite | Pyrophyllite |
| Cassiterite | Pyrrhotite |
| Chalcopyrite | Quartz |
| Chlorites | Chalcedony |
| Clinocllore | Rhodochrosite |
| Penninite | Rhodonite |
| Chromite | Rutile |
| Copper | Scheelite |
| Diamond | Serpentine |
| Dolomite | Sphalerite |
| Epsomite | Strengite |
| Galena | Talc |
| Gold | Tetrahedrite |
| Graphite | Wollastonite |
| *Ionite, 1878 | Zircon |
| Kaolinite | |
| Loellingite | |

| | |
|-------------|---|
| Andalusite | Psilomelane |
| Antimony | Quartz |
| Axinite | <i>indent</i> > Chalcedony |
| Barite | Rhodonite |
| Bournonite | Rutile |
| Cassiterite | Spinel |
| Chlorites | Talc |
| Prochlorite | Tellurium |
| Chromite | Topaz |
| Chrysoberyl | Vesuvianite |
| Corundum | Vivianite |
| Epidote | Zircon |
| Galena | |
| Garnet | |
| Glaucosite | |
| Gold | |
| Gypsum | |
| Iridosmine | |
| Iron | |
| Lead | |
| Magnetite | |

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CALAVERAS COUNTY

| | | |
|-------------------|-------------|-----------------|
| Allanite | Coloradoite | Malachite |
| Altaite | Columbite | Marcasite |
| Alunite | Copper | Magarite |
| Amphiboles | Coquimbite | Mariposite |
| Hornblende | Covellite | *Melonite, 1867 |
| Glaucophane | Cuprite | Molybdenite |
| Ankerite | Diaspore | Nagyagite |
| Aragonite | Dolomite | Niccolite |
| Arsenopyrite | Emmonsite | Opal |
| Azurite | Epidote | Petzite |
| Barite | Erythrite | Potash Alum |
| Bementite | Eucairite | Psilomelane |
| Boothite | Feldspars | Pyrite |
| Bornite | Albite | Pyrolusite |
| Brochantite | Orthoclase | Pyromorphite |
| *Calaverite, 1868 | Galena | Pyrrhotite |
| Calcite | Garnet | Quartz |
| Cerargyrite | Gold | Chalcedony |
| Chalcanthite | Graphite | Rhodochrosite |
| Chalcocite | Gypsum | Rhodonite |
| Chalcopyrite | Hessite | Scheelite |
| Chlorites | Jamesonite | Serpentine |
| Penninite | Kaolinite | Siderite |
| Chromite | Magnetite | Silver |

(Cont. next pg.)

CALAVERAS COUNTY (Cont.)

Smaltite

Sphalerite

Stibnite

Sylvanite

Talc

Tellurium

Tenorite

Tetradymite

Tetrahedrite

Tourmaline

Uraconite

Uraninite

Vesuvianite

Vivianite

Zircon

COLUSA COUNTY

Alunite

Aragonite

Chalcocite

Chalcopyrite

Chromite

Cinnabar

Copper

Cuprite

Datolite

Epidote

Gold

Argentian

Hydromagnesite

Marcasite

Metacinnabar

Pectolite

Prehnite

Psilomelane

Pyrite

Pyrolusite

Stibnite

Sulphur

Tenorite

Thomsonite

CONTRA COSTA COUNTY

| | |
|---------------|--------------|
| Amphiboles | Lawsonite |
| Actinolite | Marcasite |
| Anthophyllite | Melanterite |
| Tremolite | Metacinnabar |
| Crossite | Potash Alum |
| Anauxite | Psilomelane |
| Apatite | Pyrolusite |
| Barite | Pyroxenes |
| Bornite | Enstatite |
| Chalcopyrite | Diallage |
| Chlorites | Diopside |
| Prochlorite | Römerite |
| Chromite | Rutile |
| Cinnabar | Siderotil |
| Copiapite | Sphene |
| Epsomite | Stibnite |
| Feldspars | Zaratite |
| Albite | |
| Fluorite | |
| Halotrichite | |

DEL NORTE COUNTY

Arsenopyrite

Awaruite

Bornite

Chalcocite

Chalcopyrite

Chlorites

Penninite

Chromite

Copper

Cuprite

Enargite

Ferrimolybdite

Garnet

Graphite

Iridosmine

Magnesite

Marcasite

Mercury

Monazite

Pyrolusite

Pyrrhotite

Silver

Tenorite

Tetrahedrite

Troilite

Wollastonite

Zircon

EL DORADO COUNTY

| | | |
|--------------|----------------|-------------------|
| Amphiboles | Feldspars | *Roscoelite, 1875 |
| Hornblende | Orthoclase | Scheelite |
| Anatase | Ferrimolybdite | Serpentine |
| Ankerite | Galena | Siderite |
| Antimony | Garnet | Sphalerite |
| Arsenopyrite | Garnierite | Sphene |
| Axinite | Gold | Stromeyerite |
| Azurite | Halotrichite | Talc |
| Barite | Hessite | Tenorite |
| Bismuth-Gold | Ilmenite | Topaz |
| Bornite | Iron | Tourmaline |
| Brookite | Ludwigite | Variscite |
| Calaverite | Magnetite | Vesuvianite |
| Calcite | Mariposite | Wulfenite |
| Chalcocite | Massicot | Zircon |
| Chalcopyrite | Molybdenite | |
| Chlorites | Petzite | |
| Clinocllore | Prehnite | |
| Penninite | Pyrite | |
| Chloropal | Pyrolusite | |
| Chromite | Pyromorphite | |
| Copper | Pyrophyllite | |
| Coquimbite | Pyroxenes | |
| Cuprite | Diopside | |
| Enargite | Quartz | |
| Epidote | Rhodonite | |

FRESNO COUNTY

| | | |
|--------------|--------------------------|-----------------|
| Amphiboles | Cuprite | Diopside |
| Hornblende | Cuprotungstite | Hedenbergite |
| Tremolite | Diamond | Acmite-Aegirite |
| Barkevikite | Diaspore | Pyrrhotite |
| Analcite | Epidote | Quartz |
| Anauxite | Ferrimolybdate | Chalcedony |
| Andalusite | Galena | Rhodonite |
| Apatite | Garnet | Rutile |
| Aragonite | <i>gold</i> Argentian | Scheelite |
| Arsenopyrite | Graphite | Serpentine |
| Beryl | Gypsum | Silver |
| Bindheimite | Hematite | Sphalerite |
| Bismuthinite | Hydromagnesite | Sphene |
| Bismutite | Ilvaite | Spinel |
| Bornite | Ludwigite | Tenorite |
| Brucite | Magnesite | Topaz |
| Calcite | Magnetite | Tourmaline |
| Chalcanthite | Molybdenite | Vermiculite |
| Chalcocite | Natrolite | Vesuvianite |
| Chalcopyrite | Opal | Wollastonite |
| Chlorites | Phlogopite | Zircon |
| Clinocllore | Potash Alum | |
| Chromite | Psilomelane | |
| Clinohumite | Pyroxenes | |

GLENN COUNTY

Chromite

Copper

Psilomelane

Talc

Volborthite

HUMBOLDT COUNTY

| | |
|---------------|-----------|
| Apatite | Vivianite |
| Barite | Zircon |
| Bementite | |
| Bornite | |
| Braunite | |
| Chalcocite | |
| Chalcopyrite | |
| Chromite | |
| Chrysocolla | |
| Copper | |
| Cuprite | |
| Epidote | |
| Gold | |
| Hematite | |
| Iridosmine | |
| Lawsonite | |
| Magnesite | |
| Malachite | |
| Millerite | |
| Neotocite | |
| Psilomelane | |
| Pyrolusite | |
| Pyrrhotite | |
| Rhodochrosite | |
| Rhodonite | |
| Scheelite | |
| Spinel | |
| Tin | |

IMPERIAL COUNTY

| | | |
|--------------|--------------|--------------|
| Anhydrite | Hematite | Wollastonite |
| Argentite | Iron | Wulfenite |
| Arsenopyrite | Jarosite | |
| Azurite | Kyanite | |
| Barite | Manganite | |
| Blödite | Mariposite | |
| Calcite | Mirabilite | |
| Cerussite | Muscovite | |
| Chalcocite | Niter | |
| Chalcopyrite | Psilomelane | |
| Chrysocolla | Pyrolusite | |
| Claudetite | Pyrophyllite | |
| Copper | Realgar | |
| Covellite | Sal Ammoniac | |
| Cristobalite | Scorodite | |
| Cuprite | Siderite | |
| Dumortierite | Soda Niter | |
| Epsomite | Sphalerite | |
| Fayalite | Sphene | |
| Galena | Sulphur | |
| Garnet | Talc | |
| Garnierite | Tetrahedrite | |
| Glauberite | Thenardite | |
| Graphite | Tourmaline | |
| Gypsum | Tridymite | |
| Halloysite | Turquoise | |

INYO COUNTY

| | | | |
|--------------|-------------------|--------------|----------------|
| Adamite | Bismuthinite | Covellite | Argentian |
| Alunite | Bismutite | Creedite | Greenockite |
| Alunogen | Borax | Cristobalite | Gypsum |
| Amphiboles | Bornite | Crocoite | Halloysite |
| Tremolite | Boulangerite | Cuprite | Hanksite |
| Analcite | Bournonite | Datolite | Hematite |
| Anglesite | Brochantite | Dawsonite | Hemimorphite |
| Anhydrite | Calcite | Dufrenoyite | Howlite |
| Annabergite | Caledonite | Embolite | Hydroboracite |
| Apatite | Cassiterite | Epidote | Hydromagnesite |
| Aragonite | Celestite | Epsomite | Hydrozincite |
| Argentite | Cerargyrite | Erythrite | Iddingsite |
| Arsenic | Cerussite | Famatinite | Ilsemanite |
| Arsenopyrite | Cervantite | Fayalite | *Inyoite, 1914 |
| Atacamite | Chalcocite | Feldspars | Iron |
| Aurichalcite | Chalcopyrite | Microcline | Jamesonite |
| Autunite | Chloritoid | Orthoclase | Jarosite |
| Axinite | Chloropal | Fluorite | Kyanite |
| Azurite | Chrysocolla | Galena | Laumontite |
| Bakerite | Cinnabar | Garnet | Lazulite |
| Barite | Clinozoisite | Gehlenite | Leadhillite |
| Bassanite | *Colemanite, 1883 | Geocronite | Lepidolite |
| Beryl | Copper | Glauberite | Limonite |
| Bindheimite | Coquimbite | Goethite | Linarite |
| Bismuth | Coronadite | Gold | Liroconite |

(Cont. next pg.)

IIIYO COUNTY (Cont.)

| | | | |
|-----------------------|------------------|----------------------------|--------------|
| Litharge | Priceite | Sphalerite | Valentinite |
| Loellingite | Probertite | Sphene | Vanadinite |
| Magnesite | Pseudomalachite | Spinel | Vesuvianite |
| Magnetite | Psilomelane | Staurolite | Vivianite |
| Malachite | Pyromorphite | Stephanite | Willemite |
| Marcasite | Pyrophyllite | ⁱ Stibconite | Wolframite |
| Massicot | Pyroxenes | Stibnite | Wollastonite |
| Metacinnabar | Clinoferrosilite | Stilbite | Wulfenite |
| Metastibnite | Diopside | Stilpnomelane | Zoisite |
| *Meyerhofferite, 1914 | Pyrrhotite | Stolzite | |
| Mimetite | Quartz | Stromeyerite | |
| Minium | Chalcedony | Strontianite | |
| Molybdenite | Realgar | Sulphur | |
| Montmorillonite | Sal Ammoniac | Talc | |
| Natrolite | Scapolite | Tenorite | |
| Natron | Scheelite | Tetradymite | |
| Nepheline | Scorodite | Tetrahedrite | |
| Niter | Senarmontite | Thenardite | |
| Phlogopite | Sepiolite | Thermonatrite | |
| Phosgenite | Serpentine | Torbernite | |
| Pickeringite | Siderite | Tourmaline | |
| Plumbogummite | Sillimanite | Tridymite | |
| Plumbojarosite | Silver | Trona | |
| Potash Alum | Smaltite | Tungstite | |
| Powellite | Smithsonite | Turgite | |
| Prehnite | Soda Niter | Ulexite | |

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KERN COUNTY

| | | | |
|--------------|----------------|-----------------|-------------------|
| Alunite | Chalcopyrite | Ilmenite | *Probertite, 1929 |
| Amphiboles | Chloritoid | Inderite | Proustite |
| Actinolite | Chloropal | Iron | Psilomelane |
| Tremolite | Chrysocolla | Jamesonite | Pyrargyrite |
| Analcite | Cinnabar | Kermesite | Pyroxenes |
| Andalusite | Clinoptilolite | *Kernite, 1927 | Enstatite |
| Antimony | Coccinite | Lazulite | Pyrrhotite |
| Aragonite | Colemanite | Lead | Quartz |
| Argentite | Cuprite | Lepidomelane | Chalcedony |
| Arsenopyrite | Cuprotungstite | Litharge | Realgar |
| Autunite | Dolomite | Ludwigite | Rhodonite |
| Axinite | Dumortierite | Magnesite | Scapolite |
| Azurite | Epidote | Magnetite | Scheelite |
| Barite | Feldspars | Marcasite | Scorodite |
| Benitoite | Orthoclase | Mariposite | Serpentine |
| Bismuthinite | Ferrimolybdite | Massicot | Sillimanite |
| Borax | Fluorite | Mimetite | Silver |
| Bornite | Galena | Minium | Smithsonite |
| Bournonite | Garnet | Molybdenite | Sphalerite |
| Bromyrite | Gibbsite | Montmorillonite | Sphene |
| Brookite | Graphite | Natrolite | Spodumene |
| Calcite | Gummite | Niter | Stibconite |
| Cassiterite | Gypsum | Opal | Stibnite |
| Celandonite | Hematite | Orpiment | Sulphur |
| Cerargyrite | Hemimorphite | Phillipsite | Tenorite |
| Cervantite | Heulandite | Piedmontite | Tetrahedrite |
| Chalcocite | Howlite | Powellite | Thenardite |
| | Iddingsite | | |

(Cont. next pg.)

NEED COUNTY (Cont.)

Thomsonite

Tincalconite

Torbernite

Tourmaline

Turgite

Ulexite

Valentinite

Vanadinite

Vesuvianite

Wolframite

Wollastonite

Wulfenite

Zoisite

KINGS COUNTY

Anapaite

Atacamite

Chromite

Epsomite

Gypsum

Magnesite

Mercury

LAKE COUNTY

| | | |
|-------------|------------------|--------------|
| Amphiboles | Marcasite | Tridymite |
| Glaucophane | Melanterite | Trona |
| Riebeckite | Mercury | Tschermigite |
| Aragonite | Metacinnabar | Ulexite |
| Azurite | Millerite | Wollastonite |
| Borax | Montroydite | Zoisite |
| Bornite | Northupite | |
| Chalcocite | Opal | |
| Chromite | Orpiment | |
| Cinnabar | Pectolite | |
| Copiapite | Pirssonite | |
| Copper | *Posepnyte, 1877 | |
| Cordierite | Potash Alum | |
| Curtisite | Psilomelane | |
| Dolomite | Pyrolusite | |
| Epsomite | Pyroxenes | |
| Feldspars | Diopside | |
| Anorthite | Quartz | |
| Fluorite | Sassolite | |
| Gay-Lussite | Serpentine | |
| Glauberite | Stibnite | |
| Gold | Sulphur | |
| Halite | *Teepelite, 1938 | |
| Hematite | Thermonatrite | |
| Jarosite | Tiemannite | |

LOS ANGELES COUNTY

| | | | |
|--------------|--------------------|-----------------|------------------|
| Allanite | Colemanite | Laumontite | Siderite |
| Amphiboles | Columbite | Lawsonite | Sillimanite |
| Barkevikite | Copper | Magnesite | Silver |
| Crossite | Cordierite | Magnetite | Smaltite |
| Glaucophane | Corundum | Marcasite | Sphalerite |
| Analcite | Dolomite | Mariposite | Sphene |
| Andalusite | Epidote | Melanterite | Stibnite |
| Annabergite | Epsomite | Minium | Stilbite |
| Apophyllite | Erythrite | Molybdenite | Talc |
| Aragonite | Feldspars | Montmorillonite | Tetrahedrite |
| Argentite | Albite | Natrolite | Thomsonite |
| Azurite | Labradorite | Opal | Thorite |
| Bakerite | Fluorite | Pharmacolite | Tourmaline |
| Barite | Galena | Piedmontite | Tridymite |
| Beidellite | Garnet | Potash Alum | Ulexite |
| Bismutite | Glaucosite | Prehnite | *Veatchite, 1938 |
| Bornite | Gold | Probertite | Vivianite |
| Calcite | Graphite | Psilomelane | Zircon |
| Celestite | *Griffithite, 1917 | Ptilolite | Zoisite |
| Cerargyrite | Gypsum | Pyrrhotite | |
| Chalcocite | Halotrichite | Quartz | |
| Chalcopyrite | Heulandite | Chalcedony | |
| Chlorites | Howlite | Realgar | |
| Clinocllore | Iddingsite | Rhodonite | |
| Chromite | Ilmenite | Roscoelite | |
| Chrysocolla | Iron | Sal Ammoniac | |
| Clinozoisite | Kyanite | Serpentine | |

MADERA COUNTY

| | |
|----------------|---------------|
| Altaite | Garnet |
| Amphiboles | Gold |
| Actinolite | Argentian |
| Tremolite | Ilmenite |
| Andalusite | Lazulite |
| Anglesite | Lazurite |
| Aragonite | Linarite |
| Axinite | Magnesite |
| Azurite | Magnetite |
| Bismuthinite | Molybdenite |
| Bornite | Phlogopite |
| Calcite | Piedmontite |
| Cerussite | Pyrolusite |
| Chalcocite | Pyrophyllite |
| Chalcopyrite | Pyroxenes |
| Chromite | Diopside |
| Chrysocolla | Pyrrhotite |
| Cobaltite | Rhodochrosite |
| Columbite | Rhodonite |
| Copper | Scheelite |
| Cubanite | Silver |
| Epidote | Sphalerite |
| Feldspars | Talc |
| Orthoclase | Tourmaline |
| Ferrimolybdite | Turquoise |
| Galena | Vivianite |
| | Wolframite |
| | Zaratite |

MARIN COUNTY

| | |
|------------------|--------------|
| Alunogen | Pyrolusite |
| Amphiboles | Pyroxenes |
| Actinolite | Jadeite |
| Nephrite | Pyrrhotite |
| Tremolite | Quartz |
| Glaucophane | Chalcedony |
| Apophyllite | Rutile |
| Axinite | Scheelite |
| Calcite | Sphene |
| Chalcopyrite | Szaibelyite |
| Chromite | Wollastonite |
| Epidote | Zircon |
| Feldspars | |
| Albite | |
| Garnet | |
| Graphite | |
| Hydromagnesite | |
| *Lawsonite, 1895 | |
| Margarite | |
| Muscovite | |
| Prehnite | |
| Psilomelane | |
| Pumpellyite | |


MARIPOSA COUNTY

| | | | |
|--------------|-------------------|-------------------|--------------|
| Alunite | Cuprite | Mercury | Silver |
| Alunogen | Epidote | Molybdenite | Sphalerite |
| Andalusite | Epsomite | Pitticite | Sulphur |
| Ankerite | Erythrite | Platinum | Talc |
| Argentite | Feldspars | Proustite | Tellurium |
| Arsenopyrite | Celsian | Pyrargyrite | Tenorite |
| Azurite | Ferrimolybdenite | Pyrite | Tetrahedrite |
| Barite | Galena | Pyrolusite | Witherite |
| Bementite | Garnet | Pyromorphite | |
| Bornite | Garnierite | Pyrophyllite | |
| Bromlite | Gersdorffite | Pyrrhotite | |
| Chalcocite | Gillespite | Quartz | |
| Chalcopyrite | Goethite | Rhodochrosite | |
| Chloropal | Gold | Rhodonite | |
| Chromite | Gold Amalgam | *Sanbornite, 1931 | |
| Chrysocolla | Kobellite | Scheelite | |
| Cinnabar | Limonite | Scorodite | |
| Cobaltite | Magnesite | Serpentine | |
| Copper | Malachite | Siderite | |
| Cordierite | *Mariposite, 1868 | Sillimanite | |

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MENDOCINO COUNTY

| | | |
|--------------|---------------|---------|
| Amphiboles | Iridium | Zoisite |
| Actinolite | Jefferisite | |
| Nephrite | Laumontite | |
| Crossite | Lawsonite | |
| Riebeckite | Magnesite | |
| Azurite | Mercury | |
| Bementite | Neotocite | |
| Bornite | Platinum | |
| Brewsterite | Psilomelane | |
| Chalcopyrite | Pyrolusite | |
| Chromite | Pyroxenes | |
| Chrysocolla | Jadeite | |
| Cinnabar | Rhodochrosite | |
| Clinozoisite | Rutile | |
| Copper | Sphene | |
| Cuprite | Tenorite | |
| Edingtonite | Tetrahedrite | |
| Epidote | Xonotlite | |
| Garnet | Zaratite | |
| Graphite | Zircon | |
| Inesite | | |



MERCED COUNTY

Calcite

Chalcopyrite

Copper

Glaucinite

Gypsum

Hydromagnesite

Jarosite

Psilomelane

Soda Niter

Sphalerite

Stibnite

MODOC COUNTY

Azurite

Calcite

Chalcopyrite

Chloropal

Copper

Cristobalite

Cuprite

Feldspars

Labradorite

Iron

Natrolite

Niter

Quartz

Chalcedony

Stilbite

Tourmaline

Water-Ice

MONO COUNTY

| | | | |
|--------------|--------------|----------------|-----------------|
| Alunite | Calcite | Epidote | Linarite |
| Amphiboles | Caledonite | Feldspars | Magnetite |
| Hornblende | Cerargyrite | Albite | Malachite |
| Analcite | Cerussite | Ferrimolybdite | Marcasite |
| Andalusite | Cervantite | Fluorite | Massicot |
| Anglesite | Chabazite | Galena | Mercury |
| Anhydrite | Chalcanthite | Gay-Lussite | Minium |
| Apatite | Chalcocite | Geocronite | Molybdenite |
| Argentite | Chalcopyrite | Gold | Opal |
| Arsenopyrite | Chloropal | Argentian | *Partzite, 1867 |
| Augelite | Chrysocolla | Greenockite | Pectolite |
| Aurichalcite | Cinnabar | Gypsum | Potash Alum |
| Axinite | Cobaltite | Halloysite | Powellite |
| Azurite | Copper | Hanksite | Proustite |
| Barite | Corundum | Hematite | Pyrargyrite |
| Bismuth | Covellite | Hessite | Pyromorphite |
| Bismuthinite | Cristobalite | Ilmenite | Pyrophyllite |
| Bismutite | Cuprite | Jarosite | Pyrrhotite |
| Bornite | Diaspore | Kermesite | Quartz |
| Boulangerite | Diopase | Lazulite | Rutile |
| Brannerite | Embolite | Lazurite | Scheelite |

(Cont. next pg.)

MONC COUNTY (Cont.)

Scorzalite

Siderite

Silver

Sphalerite

Sphene

Stephanite

Stibnite

Stromeyerite

Sulphur

Tetrahedrite

Topaz

Tourmaline

Tridymite

Trona

Vanadinite

Vesuvianite

Wollastonite

*Woodhouseite, 1937

Wulfenite

Wurtzite

Zircon

Zoisite

53

MONTEREY COUNTY

| | |
|--------------|--------------|
| Amphiboles | Magnesite |
| Nephrite | Malachite |
| Apatite | Metacinnabar |
| Aragonite | Molybdenite |
| Arsenic | Piedmontite |
| Arsenopyrite | Pisanite |
| Axinite | Psilomelane |
| Azurite | Quartz |
| Calcite | Chalcedony |
| Cerussite | Rhodonite |
| Chlorites | Serpentine |
| Penninite | Spinel |
| Chromite | Stibnite |
| Cinnabar | Sulphur |
| Clinozoisite | Zaratite |
| Feldspars | |
| Orthoclase | |
| Galena | |
| Garnet | |
| Glauconite | |
| Graphite | |

*Iddingsite, 1893

17

NAPA COUNTY

| | | |
|--------------|---------------------|---------------------|
| Aragotite | Fibroferrite | Proustite |
| Argentite | Galena | Psilomelane |
| Arsenopyrite | Gypsum | Pyrargyrite |
| Barite | Hohmannite | Pyrolusite |
| Botryogen | Hydromagnesite | Quartz |
| Calomel | Jamesonite | Chalcedony |
| Cassiterite | Magnesio-Copiapite | *Redingtonite, 1890 |
| Cerargyrite | *Knoxvillite, 1890 | Serpentine |
| Chalcocite | Magnesite | Silver |
| Chalcopyrite | Marcasite | Smaltite |
| Chromite | Melanterite | Stibnite |
| Cinnabar | Mendozite | Voltaite |
| Copiapite | Mercury | Wollastonite |
| Copper | *Metacinnabar, 1870 | |
| Coquimbite | Millerite | |
| Crednerite | Mirabilite | |
| Cuprite | Morenosite | |
| Curtisite | *Napalite, 1888 | |
| Deweylite | Opal | |
| Epsomite | Posepnyte | |
| Erythrite | Potash Alum | |

NEVADA COUNTY

Chrysocolla

| | | | |
|--------------------|---------------------|--------------|--------|
| Altaite | Cinnabar | Naumannite | Zircon |
| Alunogen | Cobaltite | Petzite | |
| Anatase | Copper | Psilomelane | |
| Andalusite | Covellite | Pyrargyrite | |
| Ankerite | Cristobalite | Pyrite | |
| Argentite | Cuprite | Pyromorphite | |
| Arsenic | Diamond | Pyroxenes | |
| Arsenopyrite | Epidote | Enstatite | |
| Azurite | Ferrimolybdenite | Diallage | |
| Barite | Galena | Pyrrhotite | |
| Bismuth | Garnet | Rhodonite | |
| Bornite | Gibbsite | Scapolite | |
| Calcite | Gold | Scheelite | |
| Chabazite | <i>gold</i> Amalgam | Serpentine | |
| Chalcanthite | Graphite | Smaltite | |
| Chalcocite | Gypsum | Sphalerite | |
| Chalcopyrite | Hessite | Stephanite | |
| Chlorites | Magnesite | Stibnite | |
| Penninite | Magnetite | Tetradymite | |
| Chloropal | Marcasite | Tetrahedrite | |
| Chromite | Mariposite | Tourmaline | |
| *Chromrutile, 1928 | Molybdenite | Wollastonite | |

ORANGE COUNTY

Alunite

Anhydrite

Aragonite

*Arcanite, 1908

Argentite

Barite

Calomel

Cassiterite

Cerussite

Galena

Garnet

Gypsum

Kaolinite

Melanterite

Mercury

Metacinnabar

Muscovite

Piedmontite

Pyrrhotite

Sphalerite

Stibnite

Tiemannite

Tourmaline

PLACER COUNTY

| | | |
|--------------|---------------|--------------|
| Alunogen | Garnet | Scheelite |
| Amphiboles | Gold | Serpentine |
| Tremolite | Argentian | Silver |
| Aragonite | Hausmannite | Sphalerite |
| Argentite | Hematite | Spinel |
| Arsenopyrite | Iridosmine | Stibnite |
| Axinite | Kaolinite | Tetrahedrite |
| Azurite | Lead | Tourmaline |
| Barite | Limonite | Vesuvianite |
| Cassiterite | Magnesite | Zircon |
| Cerargyrite | Magnetite | |
| Chalcanthite | Malachite | |
| Chalcocite | Mariposite | |
| Chalcopyrite | Millerite | |
| Chlorites | Molybdenite | |
| Clinocllore | Potash Alum | |
| Penninite | Psilomelane | |
| Chloropal | Pyrargyrite | |
| Chromite | Pyrolusite | |
| Cobaltite | Pyroxenes | |
| Copper | Diopside | |
| Coquimbite | Quartz | |
| Cuprite | Chalcedony | |
| Feldspars | Rhodochrosite | |
| Albite | Rhodonite | |
| Galena | Rutile | |

PLUMAS COUNTY

| | | |
|--------------|--------------|--------------|
| Amphiboles | Albite | Serpentine |
| Hornblende | Garnet | Siderite |
| Tremolite | Hausmannite | Silver |
| Analcite | Hematite | Sphalerite |
| Anauxite | Heulandite | Sphene |
| Anglesite | Ilmenite | Stilbite |
| Ankerite | Laumontite | Strontianite |
| Apatite | Magnetite | Tetrahedrite |
| Apophyllite | Malachite | Thomsonite |
| Azurite | Margarite | Tourmaline |
| Barite | Millerite | Tridymite |
| Bornite | Molybdenite | Vesuvianite |
| Braunite | Natrolite | Wulfenite |
| Brochantite | Phillipsite | Zircon |
| Chabazite | Piedmontite | Zoisite |
| Chalcocite | Platinum | |
| Chalcopyrite | Prehnite | |
| Chromite | Psilomelane | |
| Chrysocolla | Pyrolusite | |
| Copper | Pyrophyllite | |
| Corundum | Pyroxenes | |
| Covellite | Hypersthene | |
| Cristobalite | Pyrrhotite | |
| Cubanite | Quartz | |
| Cuprite | Chalcedony | |
| Enargite | Rhodonite | |
| Epidote | Scheelite | |
| Feldspars | Scolecite | |

RIVERSIDE COUNTY

| | | | |
|---------------|----------------|--------------------|------------------|
| Afwillite | Boehmite | Cuproplumbite | Gypsum |
| Allanite | Bornite | Custerite | Hematite |
| Amarantite | Brucite | Cyrtolite | Hydromagnesite |
| Amblygonite | Bultfonteinite | Danburite | Hydrotroilite |
| Amphiboles | Calcite | Datolite | Kaolinite |
| Anthophyllite | Cassiterite | Deweylite | Kyanite |
| Hornblende | Centrallasite | Dumortierite | Laumontite |
| Tremolite | Cerussite | *Ellestadite, 1937 | Lechatelierite |
| Anatase | Chalcocite | Epidote | Lepidolite |
| Andalusite | Chalcopyrite | Epistilbite | Loellingite |
| Anglesite | Chlorites | Feldspars | Ludwigite |
| Anhydrite | Clinocllore | Microcline | Maghemite |
| Apatite | Chloropal | Fergusonite | Magnesioferrite |
| Apophyllite | Chondrodite | Fluorite | Magnesite |
| Aragonite | Chrysocollla | Forsterite | Magnetite |
| Argentite | Clinozoisite | *Foshagite, 1925 | Marcasite |
| Arsenopyrite | Colemanite | Galena | Mariposite |
| Axinite | Columbite | Garnet | *Merwinite, 1921 |
| Azurite | Copiapite | Gehlenite | Microilite |
| Barite | Copper | Geikielite | Molybdenite |
| Bementite | Cordierite | Gibbsite | Monazite |
| Beryl | Corundum | Goethite | Monticellite |
| Biotite | Cristobalite | Gonnardite | Montmorillonite |
| Bismuth | Crocoite | Graphite | Nasonite |
| Bismuthinite | Cuprite | Greencockite | Neotocite |

(Cont. next pg.)

RIVERSIDE COUNTY (Cont.)

| | | |
|------------------|------------------|------------------|
| Niter | Sepiolite | Vermiculite |
| Okenite | Serendibite | Vesuvianite |
| Periclase | Serpentine | *Vonsenite, 1920 |
| Perovskite | Siderite | *Wilkeite, 1914 |
| Phillipsite | Smithsonite | Wollastonite |
| Phlogopite | Soda Niter | Wulfenite |
| Piedmontite | Sphalerite | Xanthophyllite |
| *Plazolite, 1920 | Sphene | Xenotime |
| Prehnite | Spinel | Xonotlite |
| Psilomelane | Spodumene | Yttrocrasite |
| Ptilolite | Spurrite | Zircon |
| Pyrite | Stibnite | Zoisite |
| Pyrolusite | Stilbite | |
| Pyromorphite | Stromeyerite | |
| Pyroxenes | Strontianite | |
| Diallage | Talc | |
| Diopside | Tetrahedrite | |
| Pyrrhotite | Thaumasite | |
| Quartz | Thorite | |
| Rhodonite | Thorogummite | |
| Rutile | *Tilleyite, 1933 | |
| Samarskite | Tobermorite | |
| Scapolite | Tourmaline | |
| Scawtite | Ulexite | |
| Scheelite | Vanadinite | |

SACRAMENTO COUNTY

Chromite

Galena

Quartz

Sphalerite

Zircon

SAN BENITO COUNTY

| | | |
|------------------|-------------------|-------------|
| Amphiboles | Hydromagnesite | Spinel |
| Actinolite | Ilmenite | Stibiconite |
| Barkevikite | Jarosite | Stibnite |
| Glaucophane | *Joaquinite, 1909 | Turquoise |
| Analcite | Koninckite | Valentinite |
| Anatase | Lawsonite | Vivianite |
| Aragonite | Magnesioferrite | Voltaite |
| Artinite | Magnesite | Zaratite |
| Barite | Melanterite | |
| Bementite | Mercury | |
| *Benitoite, 1907 | Metacinnabar | |
| Celestite | Natrolite | |
| Chalcocite | Neptunite | |
| Chalcopyrite | Nesquehonite | |
| Chlorites | Pectolite | |
| Penninite | Perovskite | |
| Chromite | Psilomelane | |
| Chrysocolla | Pumpellyite | |
| Cinnabar | Pyrolusite | |
| Diadochite | Pyroxenes | |
| Epsomite | Acmite-Aegirite | |
| Feldspars | Jadeite | |
| Albite | Quartz | |
| Garnet | Chalcedony | |
| Garnierite | Rutile | |
| Gypsum | Serpentine | |

SAN BERNARDINO COUNTY

| | | | |
|-----------------|-------------------|-----------------|-----------------|
| Adamite | Azurite | Chalcopyrite | Orthoclase |
| Allanite | *Bakerite, 1903 | Chloromagnesite | Ferrimolybdate |
| Allophane | Barite | Chondrodite | Fibroferrite |
| Alunite | Bassanite | Chromite | Fluorite |
| Amblygonite | Bastnaesite | Chrysocolla | Forsterite |
| Amphiboles | Bayldonite | Cinnabar | Galena |
| Actinolite | Betafite | Clinoisite | Garnet |
| Anthrophyllite | Bindheimite | Colemanite | Gay-Lussite |
| Cummingtonite | Bismuthinite | Cookeite | Glauberite |
| Hornblende | Bismutite | Copiapite | Graphite |
| Tremolite | Boracite | Coquimbite | Greenockite |
| Anatase | Borax | Corundum | Günbelite |
| Anglesite | Bornite | Cuprite | Gypsum |
| Anhydrite | Brochantite | Cyrtolite | Halite |
| Ankerite | Brucite | Darapskite | Halotrichite |
| Apatite | *Burkeite, 1935 | Datolite | *Hanksite, 1884 |
| Aphthitalite | Calciovolborthite | Descloizite | Hematite |
| Aragonite | Calcite | Deweylite | Hemimorphite |
| Argentite | Caledonite | Diopside | Howlite |
| Arseniosiderite | Cassiterite | Dolomite | Hydromagnesite |
| Arsenolite | Celestite | Embolite | Hydrotroilite |
| Arsenopyrite | Cerargyrite | Epidote | Hydrozincite |
| Atacamite | Cerussite | Epsomite | Iddingsite |
| Autunite | Cervantite | Euxenite | Ilmenite |
| Axinite | Chalcocite | Feldspars | Iron |

(Cont next pg.)

SAN BERNARDINO COUNTY, (Cont.)

| | | | |
|-----------------|-------------------|---------------------|---------------------|
| Jarosite | Muscovite | Realgar | Talc |
| Kaolinite | Nahcolite | Rhodochrosite | Tenorite |
| *Krausite, 1931 | Natron | Rhodonite | Tetrahedrite |
| Kyanite | Niter | Römerite | Thaumasite |
| Laumontite | *Northupite, 1895 | Rutile | Thenardite |
| Lazulite | Olivine | *Sahamalite, 1954 | *Tincalconite, 1878 |
| Lazurite | Opal | *Schairerite, 1931 | Tourmaline |
| Lepidolite | Parisite | Scheelite | Triplite |
| Linarite | Pickeringite | *Searlesite, 1914 | Trona |
| Litharge | Piedmontite | Serpentine | Turquoise |
| Magnesite | *Pirssonite, 1896 | Sillimanite | *Tychite, 1905 |
| Magnetite | Polybasite | Silver | Ulexite |
| Marcasite | Potash Alum | Smithsonite | Uraninite |
| Massicot | Priceite | Soda Niter | Vanadinite |
| Melanterite | Proustite | Sphalerite | Vauquelinite |
| Mendozite | Psilomelane | Sphene | Vesuvianite |
| Metavoltine | Pyrargyrite | Spinel | Voltaite |
| Miargyrite | Pyrolusite | Stephanite | Wulframite |
| Mimetite | Pyromorphite | Stibiconite | Wulfenite |
| Minium | Pyrophyllite | Stibnite | Zircon |
| Mirabilite | Pyrostilpnite | Stilbite | Zoisite |
| Molybdenite | Pyroxenes | Stromeyerite | |
| Monazite | Diopside | Strontianite | |
| Monticellite | Quartz | *Sulphohalite, 1888 | |
| Montmorillonite | Chalcedony | Sulphur | |

SAN DIEGO COUNTY

| | | | |
|--------------|----------------|-----------------|-------------------|
| Alabandite | Chalcocite | Lazulite | Purpurite |
| Allanite | Chalcopyrite | Lepidolite | Pyrite |
| Amblygonite | Columbite | Lithiophilite | Pyrochlore |
| Amphiboles | Cookeite | Loellingsite | Pyrophyllite |
| Tremolite | Corundum | Ludlamite | Pyroxenes |
| Crossite | Dumortierite | Malachite | Hypersthene |
| Glaucophane | Epidote | Manganite | Acmite-Aegirite |
| Andalusite | Erythrite | Marcasite | Pyrrhotite |
| Apatite | Feldspars | Mariposite | Quartz |
| Aragonite | Albite | Metastrengite | Chalcedony |
| Arsenopyrite | Ferrimolybdate | Microlite | Rhodonite |
| Axinite | Fluorite | Molybdenite | Rutile |
| Azurite | Galena | Monazite | *Salmonsite, 1912 |
| Bavenite | Garnet | Montmorillonite | Scheelite |
| Bertrandite | Glaucosite | Morenosite | Scorodite |
| Beryl | Graphite | Muscovite | *Sicklerite, 1912 |
| Beyerite | Hallöysite | Pentlandite | Siderite |
| Biotite | Helvite | Petalite | Sillimanite |
| Bismite | Heulandite | Petzite | Sphalerite |
| Bismuth | Hureaulite | Phenakite | Sphene |
| Bismuthinite | *Palaite, 1912 | Piedmontite | Spinel |
| Bismutite | Hydromagnesite | Pollucite | Spodumene |
| Calcite | Jezekite | Potash Alum | *Stewartite, 1912 |
| Cassiterite | Kyanite | Prehnite | Stibiotantalite |
| Celestite | Laumontite | Psilomelane | Stilbite |
| Cerargyrite | Lawsonite | Pucherite | Strengite |

(Cont. next pg.)

4,
SAN DIEGO COUNTY, (Cont.)

Strontianite

Tenorite

Tephroite

Topaz

Tourmaline

Tridymite

Triphylite

Triplite

Vermiculite

Vesuvianite

Violarite

Wardite

Wollastonite

Zinnwaldite

Zircon.

Zoisite

SAN FRANCISCO COUNTY

Apophyllite Chalcedony

Aragonite Serpentine

Barite Taranakite

Brucite Wollastonite

Calcite Xonotlite

Chromite

Curtisite

Datolite

Gypsum

Gyrolite

Hydromagnesite

Magnesite

Mercury

Pectolite

Pyroxenes

Enstatite

Diallage

Diopside

Quartz

71

SAN JOAQUIN COUNTY

Bementite

Gypsum

Hausmannite

Inesite

Psilomelane

Pyrolusite

Rhodochromite

47

SAN LUIS OBISPO COUNTY

| | | |
|----------------|--------------|-----------|
| Allophane | Magnesite | Tridymite |
| Alunogen | Mercury | Turquoise |
| Analcite | Metacinnabar | Wulfenite |
| Barite | Millerite | Zaratite |
| Blöddite | Mirabilite | Zircon |
| Cervantite | Natrolite | |
| Chalcopyrite | Neotocite | |
| Chromite | Prehnite | |
| Cinnabar | Psilomelane | |
| Clinoptilolite | Pyrolusite | |
| Copper | Pyrophyllite | |
| Cubanite | Pyroxenes | |
| Epidote | Jadeite | |
| Erythrite | Quartz | |
| Gypsum | Chalcedony | |
| Hausmannite | Spinel | |
| Hematite | Stibiconite | |
| Hydromagnesite | Stibnite | |
| Lawsonite | Thenardite | |

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SAN MATEO COUNTY

Analcite

Apophyllite

Calomel

Celadonite

Chromite

Cinnabar

Eglestonite

Galena

Hydromagnesite

Lawsonite

Margarite

Mercury

Montroydite

Pumpellyite

Quartz

Chalcedony

Silver

Sphalerite

Sphene

Vivianite

Zircon

SANTA BARBARA COUNTY

| | |
|----------------|---------------|
| Allanite | Opal |
| Amphiboles | Pectolite |
| Nephrite | Potash Alum |
| Analcite | Sal Ammoniac |
| Apatite | Stilbite |
| Azurite | Stilpnomelane |
| Barite | Sulphur |
| Cassiterite | Vivianite |
| Chalcopyrite | Wollastonite |
| Chromite | Xonotlite |
| Cinnabar | Zircon |
| Coccinite | |
| Copper | |
| Epsomite | |
| Gilsonite | |
| Gypsum | |
| Hydromagnesite | |
| Lawsonite | |
| Magnesite | |

SANTA CLARA COUNTY

| | | |
|------------------|----------------|----------------------|
| Alabandite | Epsomite | Pyrochroite |
| Alleghanyite | Fluorite | Pyrolusite |
| Amphiboles | Ganophyllite | Pyrrhotite |
| Glaucophane | Garnet | Quartz |
| Piebeckite | Gold | Chalcedony |
| Apatite | Greenockite | Rhodochrosite |
| Apophyllite | Guadalcazarite | Rutile |
| *Aragotite, 1873 | Gyrolite | Senarmontite |
| Arsenopyrite | Hausmannite | Siderite |
| Azurite | Hydromagnesite | Sphene |
| Barite | Jarosite | *Stibioferrite, 1873 |
| Bementite | *Kempite, 1924 | Stibnite |
| Bornite | Lawsonite | Stilpnomelane |
| Braunite | Magnesite | Tephroite |
| Cassiterite | Malachite | Tiemannite |
| Chalcopyrite | Margarite | Valentinite |
| Chromite | Mercury | Zoisite |
| Chrysocolla | Metacinnabar | |
| Cinnabar | Philinite | |
| Deweylite | Psilomelane | |
| Dolomite | Pyrite | |

SANTA CRUZ COUNTY

Amphiboles

Tremolite

Arsenopyrite

Calcite

Chromite

Frankeite

Ilmenite

Magnetite

Melanterite

Meneghinite

Stannite

Zircon

SHASTA COUNTY

| | | | |
|---------------|----------------|--------------|--------------|
| Alunite | Copper | Melanterite | Sulphur |
| Alunogen | Covellite | Mesolite | Talc |
| Amphiboles | Cristobalite | Molybdenite | Tellurium |
| Anthophyllite | Cuprite | Nagyagite | Tenorite |
| Analcite | Ferrimolybdate | Natrolite | Tetrahedrite |
| Anhydrite | Galena | Olivine | Tourmaline |
| Argentite | Garnet | Pickeringite | Tridymite |
| Arsenopyrite | Gold | Proustite | Ulexite |
| Azurite | Goslarite | Psilomelane | Vivianite |
| Barite | Greenockite | Pyrargyrite | Voltaite |
| Bechilite | Halotrichite | Pyrite | Zaratite |
| Bornite | Hematite | Pyromorphite | Zinc |
| Calcite | Hessite | Pyroxenes | Zircon |
| Cerargyrite | Ilsemanite | Hedenbergite | |
| Cerussite | Ilvaite | Pyrrhotite | |
| Chabazite | Iridosmine | Quartz | |
| Chalcanthite | Kaolinite | Rhodonite | |
| Chalcocite | Lepidocrocite | Scheelite | |
| Chalcopyrite | Limonite | Serpentine | |
| Chlorites | Maghemite | Silver | |
| Penninite | Magnetite | Sphalerite | |
| Chromite | Manganite | Stephanite | |

SIERRA COUNTY

| | |
|----------------|--------------|
| Amphiboles | Molybdenite |
| Tremolite | Muscovite |
| Apatite | Natrolite |
| Arsenopyrite | Piedmontite |
| Beidellite | Pyrrhotite |
| Bismuth | Quartz |
| Chalcocite | Scheelite |
| Chalcopyrite | Scorodite |
| Chlorites | Serpentine |
| Chlorite | Sphalerite |
| Chromite | Stibnite |
| Copper | Stromeyerite |
| Corundum | Talc |
| Covellite | Tetrahedrite |
| Ferrimolybdate | Wollastonite |
| Galena | |
| Gold | |
| Hematite | |
| Jamesonite | |
| Magnetite | |
| Mariposite | |

SISKIYOU COUNTY

| | | |
|--------------|--------------|---------------|
| Amphiboles | Cristobalite | Rhodochrosite |
| Actinolite | Cuprite | Rhodonite |
| Hornblende | Epidote | Serpentine |
| Nephrite | Erythrite | Smaltite |
| Aragonite | Fayalite | Sphalerite |
| Arsenopyrite | Galena | Spinel |
| Axinite | Garnet | Sulphur |
| Azurite | Gold | Talc |
| Barite | Gypsum | Tetradymite |
| Borax | Hessite | Tetrahedrite |
| Bornite | Iddingsite | Vesuvianite |
| Calaverite | Molybdenite | Water-Ice |
| Cassiterite | Opal | Wollastonite |
| Chalcocite | Orpiment | Zaratite |
| Chalcopyrite | Petzite | Zircon |
| Chlorites | Psilomelane | |
| Penninite | Pyroxenes | |
| Chloritoid | Hypersthene | |
| Chromite | Pyrrhotite | |
| Cinnabar | Quartz | |
| Copper | Chalcedony | |
| Covellite | Realgar | |

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SOLANG COUNTY

Aragonite

Chromite

Epsomite

Gypsum

Marcasite

Metacinnabar

SOLICIA COUNTY

| | | |
|------------------|----------------|-----------------|
| Aenigmatite | Hematite | Pumpellyite |
| Alunite | Hisingerite | Pyrite |
| Alunogen | Hydromagnesite | Pyrolusite |
| Amphiboles | Ilvaite | Pyroxenes |
| Tremolite | Kaolinite | Acmite-Aegirite |
| Glaucophane | Lawsonite | Jadeite |
| Riebeckite | Magnesite | Quartz |
| Aragonite | Margarite | Chalcedony |
| Azurite | Mascagnite | Realgar |
| Boussingaultite | Melanterite | Rhodochrosite |
| Cassiterite | Mercury | Sphene |
| Cerussite | Metacinnabar | Stilbite |
| Chalcopyrite | Montroydite | Sulphur |
| Chromite | Napalite | Tiemannite |
| Cinnabar | Natrolite | Tridymite |
| Clinozoisite | Opal | Tschermigite |
| *Curtisite, 1930 | Orpiment | Voltaite |
| Epidote | Pectolite | Zoisite |
| Epsomite | Pentahydrate | |
| Garnet | Pickeringite | |
| Graphite | Potash Alum | |
| Halotrichite | Psilomelane | |

STANISLAUS COUNTY

Bementite

Braunite

Chromite

Cinnabar

Garnet

Gypsum

Hausmannite

Hydromagnesite

Inesite

Magnesite

Psilomelane

Pyrolusite

Rhodochrosite

SUTTER COUNTY

None listed

TEHAMA COUNTY

Aragonite

Chalcopyrite

Chlorites

Penninite

Chromite

Copper

Cristobalite

Galena

Garnet

Opal

Pectolite

Sassolite

Wollastonite

TRINITY COUNTY

| | | | |
|---------------|----------------|---------------|--------------|
| Amphiboles | Copiapite | Morenosite | Sphene |
| Anthophyllite | Copper | Muscovite | Stibnite |
| Nephrite | Cuprite | Nagyagite | Sylvanite |
| Tremolite | Diamond | Orpiment | Szomolnokite |
| Analcite | Epidote | Petzite | Talc |
| Arsenolite | Ferrimolybdate | Pisanite | Wollastonite |
| Arsenopyrite | Fibroferrite | Platiniridium | Zircon |
| Azurite | Galena | Platinum | |
| Barite | Garnet | Psilomelane | |
| Bementite | Goslarite | Pumpellyite | |
| Beryl | Halotrichite | Pyroxenes | |
| Bieberite | Hausmannite | Hypersthene | |
| Bornite | Iddingsite | Jadeite | |
| Braunite | Inesite | Pyrrhotite | |
| Casserite | Iridosmine | Realgar | |
| Chalcanthite | Iron | Rhodochrosite | |
| Chalcocite | Limonite | Rhodonite | |
| Chalcopyrite | Massicot | Römerite | |
| Chromite | Melanterite | Scheelite | |
| Cinnabar | Mercury | Serpentine | |
| Claudetite | Molybdenite | Sphalerite | |

TULARE COUNTY

| | | |
|--------------|--------------|--------------|
| Allanite | Galena | Smithsonite |
| Amphiboles | Garnet | Soda Niter |
| Hornblende | Gehlenite | Sphalerite |
| Nephrite | Gold | Spinel |
| Tremolite | Argentian | Stibnite |
| Riebeckite | Graphite | Stilbite |
| Andalusite | Gypsum | Tourmaline |
| Annabergite | Jefferisite | Vesuvianite |
| Aragonite | Limonite | Wolframite |
| Arsenopyrite | Linarite | Wollastonite |
| Axinite | Magnesite | Zoisite |
| Azurite | Minium | |
| Barite | Molybdenite | |
| Bornite | Opal | |
| Calcite | Powellite | |
| Cerussite | Psilomelane | |
| Chalcopyrite | Pyrargyrite | |
| Chromite | Pyromorphite | |
| Chrysocolla | Pyrrhotite | |
| Copper | Quartz | |
| Cordierite | Chalcedony | |
| Epidote | Rhodonite | |
| Feldspars | Scapolite | |
| Oligoclase | Scheelite | |
| Fluorite | Serpentine | |

TUOLUMNE COUNTY

| | | |
|--------------|----------------|--------------|
| Allanite | Ferrimolybdate | Tetrahedrite |
| Altaite | Galena | Tin |
| Amphiboles | Garnet | Tourmaline |
| Tremolite | Gold | Tridymite |
| Riebeckite | Graphite | |
| Anauxite | Hessite | |
| Ankerite | Iridosmine | |
| Aragonite | Kyanite | |
| Argentite | Magnesite | |
| Arsenopyrite | Malachite | |
| Azurite | Marcasite | |
| Bementite | Mariposite | |
| Berthierite | Molybdenite | |
| Beryl | Petzite | |
| Bornite | Pitticite | |
| Calaverite | Psilomelane | |
| Calcite | Pyrite | |
| Chalcocite | Pyrrhotite | |
| Chalcopyrite | Rhodochromite | |
| Chromite | Rhodonite | |
| Coloradoite | Scheelite | |
| Covellite | Scorodite | |
| Cristobalite | Sillimanite | |
| Epidote | Sphalerite | |
| Erythrite | Sylvanite | |
| Feldspars | Tellurium | |
| Microcline | Tetradymite | |

VENTURA COUNTY

Amber
Analcite
Azurite
Boussingaultite
Chalcopyrite
Colemanite
Cuprite
Galena
Garnet
Gypsum
Howlite
Hydroboracite
Marcasite
Mesolite
Millerite
Molybdenite
Montmorillonite
Muscovite
Natrolite
Pentlandite
Pyrrhotite
Sulphur

YOLO COUNTY

Aragotite

Cinnabar

Fluorite

Marcasite

Metacinnabar

Sulphur

YUBA COUNTY

Amphiboles

 Tremolite

Arsenopyrite

Chalcopyrite

Chlorites

 Penninite

Chromite

Cuprite

Ferrimolybdate

Garnet

Molybdenite

Pilinite

Rhodonite

Scheelite

Sylvanite

Talc

Vivianite

Zircon

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